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(54) Pushbutton Switch Device

(57) [Abstract]

[Constitution] When an operation part 21a of a dial key 3a is pushed with a finger or the like, a corresponding key is lowered by the hinge work of a supporting piece 7, and a push part 15 of a rubber sheet 14 at a position corresponding to the pushed key is pushed to bend a thin-walled part 16 for deformation, and a movable contact 17 provided on the back surface of the rubber sheet 14 contacts a fixed contact 19 on a printed-circuit board 18, thereby resulting in the ON state. Also, when the finger or the like is removed from the operation part 21a of the dial key 3a, the thin-walled part 16 of the rubber sheet 14 is returned to the original condition, and each contact is separated, thereby resulting in the OFF [state].

[Effects] According to the present invention, the number of components is reduced, enabling improved ease of assembly. Moreover, by adopting a structure in which a flexible sheet member (e.g., a rubber sheet) is held between a printed circuit board and a pushbutton, when the pushbutton is pressed and the thin-walled part of the said sheet member is bent and deformed, the depressing force is transmitted reliably, thereby yielding a stable click feel.

